

ABSTRACT

A modular lid system for an underwater swimming pool cover or other underwater enclosure, the modular lid comprising: a rigid lid portion having an overall buoyancy such that the lid portion closes the enclosure underwater by force of gravity; a remote power pack for providing a source of hydraulic power to the modular lid, the remote power pack located at a position remote from the swimming pool in which a lid may be, the remote power pack including a hydraulic pump; a hydraulic drive mechanism actuated by the source of remote power pack, the drive mechanism having a predetermined range of movement; and a decoupled linkage mechanism extending between the hydraulic drive mechanism and the lid portion for causing limited opening movement thereof, said limited opening movement corresponding to the predetermined range of movement of the hydraulic drive mechanism, wherein the decoupled linkage mechanism disengages from the lid portion during closing movement of the linkage mechanism and allows for manual opening movement of the lid portion beyond the limited opening movement caused by the linkage mechanism for increased access to the underwater enclosure.

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